

# Exhibit B

**EX. B to Kim***(Alphabetically by Last Name of 9/11 Decedent)*

	DECEDENT First Name	DECEDENT Middle Name	DECEDENT Last Name	Suffix Name	Economic Damage Amount	Non-Economic Damage Amount	TOTAL Damage Amount
1.	Edward	T.	Earhart			\$2,000,000	\$2,000,000
2.	John	E.	Eichler			\$2,000,000	\$2,000,000
3.	Ulf	Ramm	Ericson		\$600,995	\$2,000,000	\$2,600,995
4.	Catherine		Fagan		\$602,994	\$2,000,000	\$2,602,994
5.	Elizabeth	A.	Farmer		\$121,183	\$2,000,000	\$2,121,183
6.	Rose	Maria	Feliciano		\$2,306,794	\$2,000,000	\$4,306,794
7.	Andrew		Fisher		\$1,548,536	\$2,000,000	\$3,548,536
8.	John	Roger	Fisher		\$3,746,255	\$2,000,000	\$5,746,255
9.	John	J.	Florio		\$4,912,017	\$2,000,000	\$6,912,017
10.	Virgin		Francis			\$2,000,000	\$2,000,000
11.	Jenine		Gonzalez			\$2,000,000	\$2,000,000
12.	Harry		Goody		\$1,197,901	\$2,000,000	\$3,197,901
13.	Wanda		Green			\$2,000,000	\$2,000,000
14.	Kenneth		Grouzalis		\$1,171,657	\$2,000,000	\$3,171,657
15.	Peggie		Hurt		\$1,025,879	\$2,000,000	\$3,025,879
<b>TOTALS</b>					<b>\$17,234,211</b>	<b>\$30,000,000</b>	<b>\$47,234,211</b>

# **Exhibit B-1**

**John E. Beauzile**

28 Penny Lane  
Binghamton, NY 13905  
Email: [jeb2235@columbia.edu](mailto:jeb2235@columbia.edu)

**Jerry S. Goldman**

Anderson Kill  
1760 Market Street, Suite 600  
Philadelphia, PA 19103

Re: Update of Analysis of Economic Loss in the Matter of  
The Estate of **Mrs. Rosa Feliciano**

December 29, 2019

Dear Mr. Goldman,

You have asked me to update the present value numbers in the analysis of the likely economic loss award from the September 11<sup>th</sup> Victim Compensation Fund prepared by **The Fund** dated **August 12, 2003**. I have used their assumptions for wages, benefits, taxes, personal consumption, replacement services, and discount rate to estimate those values and bring them to the present. The valuation date chosen is **January 1, 2020**.

For replacement services, the amount that was awarded by **The Fund** was \$133,236 higher than that set forth in their In preparing this update, the only document reviewed is **The Fund's** report. This update assumes the reader is familiar with the methodology used and assumptions made by **The Fund** and, therefore, they will not be restated here.

The update of **The Fund's** analysis is summarized in four (4) sets of Exhibits.

- *Exhibit 1* provides the summary of Lost Earnings, Retirement Benefits, and Lost of Replacement Services;
- The set of *Exhibits 2s* shows the details behind the loss of earnings numbers;
- The *Exhibit 3* set provides supporting documentation for Retirement Benefits;
- The loss of Replacement Services amounts are in *Exhibits 4s*.

I believe that I have already provided you with a copy of my curriculum vitae. If you need a copy, please let me know.

Sincerely,

John E. Beauzile



<b>Valuation Date</b>	01-Jan-20
<b>Discount Rate</b>	4.2%

**Exhibit 1. Summary of Economic Damages**  
**Mrs. Rosa Feliciano**

	<b>Present Value</b>
Present Value of Lost Earnings	\$2,080,496
Present Value of Retirement Benefits	226,298
Present Value of Lost Replacement Services	0
<b>Total</b>	<b>\$2,306,794</b>

Base Salary	Unempl.	Tax Rate	Benefits	Pers. Consump.
41,016	3.0%	14.720%	8,166	11.1-22.78%

**Exhibit 2a. Present Value of Lost Earnings**  
**Mrs. Rosa Feliciano**  
Special Master Worklife

Year	Age	Time Frame	Age-Specific Growth Factor	Earnings	Benefits	Unempl. Adj.	Taxes	Consumption	Net Earnings	PV of Net Earnings
2001	31	0.31	1.00000	\$12,577	\$2,504	\$0	(\$1,851)	(\$1,190)	\$12,039	\$12,039
2002	32	1.31	1.06997	43,886	8,737	(1,346)	(6,266)	(4,029)	40,982	40,982
2003	33	2.31	1.06794	46,867	9,331	(1,438)	(6,692)	(4,302)	43,766	43,766
2004	34	3.31	1.06591	49,956	9,946	(1,533)	(7,133)	(4,586)	46,650	46,650
2005	35	4.31	1.06388	53,147	10,581	(1,630)	(7,589)	(4,879)	49,630	49,630
2006	36	5.31	1.06185	56,434	11,236	(1,731)	(8,058)	(5,181)	52,700	52,700
2007	37	6.31	1.05983	59,811	11,908	(1,835)	(8,540)	(5,491)	55,853	55,853
2008	38	7.31	1.05781	63,268	12,596	(1,941)	(9,034)	(5,808)	59,082	59,082
2009	39	8.31	1.05580	66,799	13,299	(2,049)	(9,538)	(6,132)	62,379	62,379
2010	40	9.31	1.05379	70,392	14,015	(2,159)	(10,051)	(6,462)	65,735	65,735
2011	41	10.31	1.05179	74,038	14,740	(2,271)	(10,571)	(6,797)	69,139	69,139
2012	42	11.31	1.04979	77,724	15,474	(2,384)	(11,098)	(7,135)	72,581	72,581
2013	43	12.31	1.04779	81,438	16,214	(2,498)	(11,628)	(7,476)	76,049	76,049
2014	44	13.31	1.04579	85,167	16,956	(2,613)	(12,161)	(7,818)	79,532	79,532
2015	45	14.31	1.04380	88,898	17,699	(2,727)	(12,693)	(10,975)	80,202	80,202
2016	46	15.31	1.04182	92,616	18,439	(2,841)	(13,224)	(11,434)	83,556	83,556
2017	47	16.31	1.03984	96,305	19,174	(2,954)	(13,751)	(11,889)	86,884	86,884
2018	48	17.31	1.03786	99,951	19,900	(3,066)	(14,271)	(18,834)	83,679	83,679
2019	49	18.31	1.03588	103,537	20,614	(3,176)	(14,783)	(19,509)	86,681	86,681
2020	50	19.31	1.03391	107,048	21,313	(3,284)	(15,285)	(20,171)	89,621	87,652
2021	51	20.31	1.03194	110,467	21,993	(3,389)	(15,773)	(20,815)	92,484	86,806
2022	52	21.31	1.03000	113,781	22,653	(3,491)	(16,246)	(21,440)	95,258	85,806
2023	53	22.31	1.03000	117,195	23,333	(3,595)	(16,734)	(22,083)	98,116	84,818
2024	54	23.31	1.03000	120,711	24,033	(3,703)	(17,236)	(22,746)	101,059	83,841
2025	55	24.31	1.03000	124,332	24,754	(3,814)	(17,753)	(23,428)	104,091	82,876
2026	56	25.31	1.03000	128,062	25,496	(3,929)	(18,285)	(24,131)	107,214	81,921
2027	57	26.31	1.03000	131,904	26,261	(4,046)	(18,834)	(24,855)	110,430	80,978
2028	58	27.31	1.03000	135,861	27,049	(4,168)	(19,399)	(25,600)	113,743	80,045
2029	59	28.31	1.03000	139,937	27,861	(4,293)	(19,981)	(26,368)	117,155	79,123
2030	60	28.81	1.03000	72,070	14,349	(2,211)	(10,290)	(13,580)	60,337	39,510
<b>Total</b>				<b>\$2,624,178</b>	<b>\$522,457</b>	<b>(\$80,118)</b>	<b>(\$374,746)</b>	<b>(\$395,143)</b>	<b>\$2,296,629</b>	<b>\$2,080,496</b>

Unempl.	Tax Rate	Pers. Cons.	Pension Contrib. Rate	401(k) Contrib. Rate
3.0%	14.720%	11.1-22.78%	0.000%	1.109%

**Exhibit 3a. Present Value of Lost Pension Benefits**  
**Mrs. Rosa Feliciano**  
Special Master Worklife

Year	Age	Time Frame	Net Pension (Projected-Vested)	401(K)	Taxes	Consumption	Net Loss	PV of Net Loss
2001	31	0.31	\$0	\$139	\$0	(\$15.47)	\$124	\$124
2002	32	1.31	0	487	0	(54)	433	433
2003	33	2.31	0	520	0	(58)	462	462
2004	34	3.31	0	554	0	(61)	492	492
2005	35	4.31	0	589	0	(65)	524	524
2006	36	5.31	0	626	0	(69)	556	556
2007	37	6.31	0	663	0	(74)	590	590
2008	38	7.31	0	701	0	(78)	624	624
2009	39	8.31	0	741	0	(82)	658	658
2010	40	9.31	0	780	0	(87)	694	694
2011	41	10.31	0	821	0	(91)	730	730
2012	42	11.31	0	862	0	(96)	766	766
2013	43	12.31	0	903	0	(100)	803	803
2014	44	13.31	0	944	0	(105)	839	839
2015	45	14.31	0	986	0	(147)	839	839
2016	46	15.31	0	1,027	0	(153)	874	874
2017	47	16.31	0	1,068	0	(159)	908	908
2018	48	17.31	0	1,108	0	(252)	856	856
2019	49	18.31	0	1,148	0	(261)	886	886
2020	50	19.31	0	1,187	0	(270)	916	896
2021	51	20.31	0	1,225	0	(279)	946	888
2022	52	21.31	0	1,261	0	(287)	974	877
2023	53	22.31	0	1,299	0	(296)	1,003	867
2024	54	23.31	0	799	0	(182)	617	512
2025	55	24.31	0	0	0	0	0	0
2026	56	25.31	0	0	0	0	0	0
2027	57	26.31	0	0	0	0	0	0
2028	58	27.31	0	0	0	0	0	0
2029	59	28.31	0	0	0	0	0	0
2030	60	29.31	0	0	0	0	0	0
2031	61	30.31	0	0	0	0	0	0
2032	62	31.31	0	0	0	0	0	0
2033	63	32.31	0	0	0	0	0	0
2034	64	33.31	0	0	0	0	0	0
2035	65	34.31	0	0	0	0	0	0
2036	66	35.31	60,288	0	(8,874)	(11,711)	39,702	20,104
2037	67	36.31	60,288	0	(8,874)	(11,711)	39,702	19,294
2038	68	37.31	60,288	0	(8,874)	(11,711)	39,702	18,516
2039	69	38.31	60,288	0	(8,874)	(11,711)	39,702	17,770
2040	70	39.31	60,288	0	(8,874)	(11,711)	39,702	17,053
2041	71	40.31	60,288	0	(8,874)	(11,711)	39,702	16,366
2042	72	41.31	60,288	0	(8,874)	(11,711)	39,702	15,706
2043	73	42.31	60,288	0	(8,874)	(11,711)	39,702	15,073
2044	74	43.31	60,288	0	(8,874)	(11,711)	39,702	14,466
2045	75	44.31	60,288	0	(8,874)	(11,711)	39,702	13,883
2046	76	45.31	60,288	0	(8,874)	(11,711)	39,702	13,323
2047	77	46.31	60,288	0	(8,874)	(11,711)	39,702	12,786
2048	78	47.31	60,288	0	(8,874)	(11,711)	39,702	12,271
2049	79	47.56	15,072	0	(2,219)	(2,928)	9,926	2,990
<b>Total</b>			<b>\$798,816</b>	<b>\$20,437</b>	<b>(\$117,586)</b>	<b>(\$158,500)</b>	<b>\$543,168</b>	<b>\$226,298</b>

**Exhibit 4a. Loss Estimated Value of Replacement Services****Mrs. Rosa Feliciano**

<b>Year</b>	<b>Age</b>	<b>Time Frame</b>	<b>Household Services</b>	<b>Care Services</b>	<b>Total Services</b>	<b>Present Value</b>
2001	31	0.31			\$0	\$0
2002	32	1.31			0	0
2003	33	2.31			0	0
2004	34	3.31			0	0
2005	35	4.31			0	0
2006	36	5.31			0	0
2007	37	6.31			0	0
2008	38	7.31			0	0
2009	39	8.31			0	0
2010	40	9.31			0	0
2011	41	10.31			0	0
2012	42	11.31			0	0
2013	43	12.31			0	0
2014	44	13.31			0	0
2015	45	14.31			0	0
2016	46	15.31			0	0
2017	47	16.31			0	0
2018	48	17.31			0	0
2019	49	18.31			0	0
2020	50	19.31			0	0
2021	51	20.31			0	0
2022	52	21.31			0	0
2023	53	22.31			0	0
2024	54	22.81			0	0
<b>Total</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

# **Exhibit B-2**

**John E. Beauzile**

28 Penny Lane

Binghamton, NY 13905

Email: [jeb2235@columbia.edu](mailto:jeb2235@columbia.edu)

**Jerry S. Goldman**

Anderson Kill

1760 Market Street, Suite 600

Philadelphia, PA 19103

Re: Update of Analysis of Economic Loss in the Matter of  
The Estate of **Mrs. Elizabeth Ann Farmer**

December 29, 2019

Dear Mr. Goldman,

You have asked me to update the present value numbers in the analysis of the likely economic loss award from the September 11<sup>th</sup> Victim Compensation Fund prepared by **The Fund** dated **July 25, 2002**. I have used their assumptions for wages, benefits, taxes, personal consumption, replacement services, and discount rate to estimate those values and bring them to the present. The valuation date chosen is **January 1, 2020**.

In preparing this update, the only document reviewed is **The Fund's** report. This update assumes the reader is familiar with the methodology used and assumptions made by **The Fund** and, therefore, they will not be restated here.

The update of **The Fund's** analysis is summarized in four (4) sets of Exhibits.

- *Exhibit 1* provides the summary of Lost Earnings, Retirement Benefits, and Lost of Replacement Services;
- The set of *Exhibits 2s* shows the details behind the loss of earnings numbers;
- The *Exhibit 3* set provides supporting documentation for Retirement Benefits;
- The loss of Replacement Services amounts are in *Exhibits 4s*.

I believe that I have already provided you with a copy of my curriculum vitae. If you need a copy, please let me know.

Sincerely,

John E. Beauzile



<b>Valuation Date</b>	01-Jan-20
<b>Discount Rate</b>	3.4%

**Exhibit 1. Summary of Economic Damages**  
**Mrs. Elizabeth Ann Farmer**

	<b>Present Value</b>
Present Value of Lost Earnings	\$116,338
Present Value of Retirement Benefits	4,845
Present Value of Lost Replacement Services	0
<b>Total</b>	<b>\$121,183</b>

Base Salary	Unempl.	Tax Rate	Benefits	Pers. Consump.
59,780	3.0%	16.100%	2,424	62.644%

**Exhibit 2a. Present Value of Lost Earnings**  
**Mrs. Elizabeth Ann Farmer**  
Special Master Worklife

Year	Age	Time Frame	Age-Specific Growth Factor	Earnings	Benefits	Unempl. Adj.	Taxes	Consumption	Net Earnings	PV of Net Earnings
2001	63	0.31	1.00000	\$18,331	\$736	\$0	(\$2,951)	(\$9,635)	\$6,481	\$6,481
2002	64	1.31	1.03000	61,574	2,496	(1,613)	(9,616)	(31,391)	21,450	21,450
2003	65	2.31	1.03000	63,421	2,571	(1,661)	(9,904)	(32,333)	22,093	22,093
2004	66	3.31	1.03000	65,323	2,648	(1,711)	(10,202)	(33,303)	22,756	22,756
2005	67	4.31	1.03000	67,283	2,728	(1,762)	(10,508)	(34,302)	23,439	23,439
2006	68	5.14	1.03000	57,751	2,341	(1,513)	(9,019)	(29,443)	20,118	20,118
<b>Total</b>				<b>\$333,683</b>	<b>\$13,520</b>	<b>(\$8,259)</b>	<b>(\$52,200)</b>	<b>(\$170,407)</b>	<b>\$116,338</b>	<b>\$116,338</b>

Unempl.	Tax Rate	Pers. Cons.	Pension Contrib. Rate	401(k) Contrib. Rate
3.0%	16.100%	62.644%	4.000%	0.000%

**Exhibit 3a. Present Value of Lost Pension Benefits**  
**Mrs. Elizabeth Ann Farmer**  
Special Master Worklife

Year	Age	Time Frame	Pension Contrib.	401(K)	Taxes	Consumption	Net Loss	PV of Net Loss
2001	63	0.31	\$733	\$0	\$0	(\$459)	\$274	\$274
2002	64	1.31	2,389	0	0	(1,497)	892	892
2003	65	2.31	2,461	0	0	(1,542)	919	919
2004	66	3.31	2,535	0	0	(1,588)	947	947
2005	67	4.31	2,611	0	0	(1,635)	975	975
2006	68	5.14	2,241	0	0	(1,404)	837	837
<b>Total</b>			<b>\$12,969</b>	<b>\$0</b>	<b>\$0</b>	<b>(\$8,124)</b>	<b>\$4,845</b>	<b>\$4,845</b>

**Exhibit 4a. Loss Estimated Value of Replacement Services****Mrs. Elizabeth Ann Farmer**

<b>Year</b>	<b>Age</b>	<b>Time Frame</b>	<b>Household Services</b>	<b>Care Services</b>	<b>Total Services</b>	<b>Present Value</b>
2001	63	0.31			\$0	\$0
2002	64	1.31			0	0
2003	65	2.31			0	0
2004	66	3.31			0	0
2005	67	4.31			0	0
2006	68	5.31			0	0
2007	69	6.31			0	0
2008	70	7.31			0	0
2009	71	8.31			0	0
2010	72	9.31			0	0
2011	73	10.31			0	0
2012	74	11.31			0	0
2013	75	12.31			0	0
2014	76	13.31			0	0
2015	77	14.31			0	0
2016	78	15.31			0	0
2017	79	16.31			0	0
2018	80	17.31			0	0
2019	81	18.31			0	0
2020	82	19.31			0	0
2021	83	20.31			0	0
2022	84	21.31			0	0
2023	85	22.31			0	0
2024	86	22.81			0	0
<b>Total</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

# **Exhibit B-3**

**John E. Beauzile**

28 Penny Lane

Binghamton, NY 13905

Email: [jeb2235@columbia.edu](mailto:jeb2235@columbia.edu)

**Jerry S. Goldman**

Anderson Kill

1760 Market Street, Suite 600

Philadelphia, PA 19103

Re: Update of Analysis of Economic Loss in the Matter of  
The Estate of **Mrs. Catherine Fagan**

December 29, 2019

Dear Mr. Goldman,

You have asked me to update the present value numbers in the analysis of the likely economic loss award from the September 11<sup>th</sup> Victim Compensation Fund prepared by **The Fund** dated **September 3, 2002**. I have used their assumptions for wages, benefits, taxes, personal consumption, replacement services, and discount rate to estimate those values and bring them to the present. The valuation date chosen is **January 1, 2020**.

In preparing this update, the only document reviewed is **The Fund's** report. This update assumes the reader is familiar with the methodology used and assumptions made by **The Fund** and, therefore, they will not be restated here.

The update of **The Fund's** analysis is summarized in four (4) sets of Exhibits.

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I believe that I have already provided you with a copy of my curriculum vitae. If you need a copy, please let me know.

Sincerely,

John E. Beauzile



VALUATION DATE	01-JAN-20
DISCOUNT RATE	3.4%

**EXHIBIT 1. SUMMARY OF ECONOMIC DAMAGES**  
**MRS. CATHERINE FAGAN**

	<b>PRESENT VALUE</b>
Present Value of Lost Earnings	\$342,878
Present Value of Retirement Benefits	260,116
Present Value of Lost Replacement Services	0
<b>Total</b>	<b>\$602,994</b>

Base Salary	Unempl.	Tax Rate	Benefits	Pers. Consump.
98,275	3.0%	20.550%	2,423	48.039%

**EXHIBIT 2A. PRESENT VALUE OF LOST EARNINGS**  
**MRS. CATHERINE FAGAN**  
SPECIAL MASTER WORKLIFE

YEAR	AGE	TIME FRAME	AGE- SPECIFIC GROWTH FACTOR	EARNINGS	BENEFITS	UNEMPL. ADJ.	TAXES	CONSUMPTION	NET EARNINGS	PV OF NET EARNINGS
2001	58	0.31	1.00000	\$30,135	\$736	\$0	(\$6,193)	(\$11,502)	\$13,177	\$13,177
2002	59	1.31	1.03000	101,223	2,496	(2,472)	(20,177)	(37,475)	43,594	43,594
2003	60	2.31	1.03000	104,260	2,571	(2,546)	(20,783)	(38,599)	44,902	44,902
2004	61	3.31	1.03000	107,388	2,648	(2,623)	(21,406)	(39,757)	46,249	46,249
2005	62	4.31	1.03000	110,609	2,727	(2,701)	(22,048)	(40,950)	47,637	47,637
2006	63	5.31	1.03000	113,927	2,809	(2,782)	(22,710)	(42,179)	49,066	49,066
2007	64	6.31	1.03000	117,345	2,893	(2,866)	(23,391)	(43,444)	50,538	50,538
2008	65	7.22	1.03000	110,793	2,732	(2,706)	(22,085)	(41,018)	47,716	47,716
<b>Total</b>				<b>\$795,680</b>	<b>\$19,611</b>	<b>(\$18,697)</b>	<b>(\$158,793)</b>	<b>(\$294,924)</b>	<b>\$342,878</b>	<b>\$342,878</b>

Unempl.	Tax Rate	Pers. Cons.	Pension Contrib. Rate	401(k) Contrib. Rate
3.0%	20.550%	48.039%	4.616%	0.000%

**EXHIBIT 3A. PRESENT VALUE OF LOST PENSION BENEFITS**  
**MRS. CATHERINE FAGAN**  
SPECIAL MASTER WORKLIFE

YEAR	AGE	TIME FRAME	PENSION CONTRIB.	PROJECTED PENSION	TAXES	CONSUMPTION	NET LOSS	PV OF NET LOSS
2001	58	0.31	\$1,391	\$0	\$0	(\$668)	\$723	\$723
2002	59	1.31	4,532	0	0	(2,177)	2,355	2,355
2003	60	2.31	4,668	0	0	(2,243)	2,426	2,426
2004	61	3.31	4,808	0	0	(2,310)	2,498	2,498
2005	62	4.31	4,953	0	0	(2,379)	2,573	2,573
2006	63	5.31	5,101	0	0	(2,451)	2,651	2,651
2007	64	6.31	5,254	0	0	(2,524)	2,730	2,730
2008	65	7.31	4,961	3,167	(651)	(3,592)	3,885	3,885
2009	66	8.31	0	38,004	(7,810)	(14,505)	15,689	15,689
2010	67	9.31	0	38,004	(7,810)	(14,505)	15,689	15,689
2011	68	10.31	0	38,004	(7,810)	(14,505)	15,689	15,689
2012	69	11.31	0	38,004	(7,810)	(14,505)	15,689	15,689
2013	70	12.31	0	38,004	(7,810)	(14,505)	15,689	15,689
2014	71	13.31	0	38,004	(7,810)	(14,505)	15,689	15,689
2015	72	14.31	0	38,004	(7,810)	(14,505)	15,689	15,689
2016	73	15.31	0	38,004	(7,810)	(14,505)	15,689	15,689
2017	74	16.31	0	38,004	(7,810)	(14,505)	15,689	15,689
2018	75	17.31	0	38,004	(7,810)	(14,505)	15,689	15,689
2019	76	18.31	0	38,004	(7,810)	(14,505)	15,689	15,689
2020	77	19.31	0	38,004	(7,810)	(14,505)	15,689	15,408
2021	78	20.31	0	38,004	(7,810)	(14,505)	15,689	14,902
2022	79	21.31	0	38,004	(7,810)	(14,505)	15,689	14,412
2023	80	22.31	0	38,004	(7,810)	(14,505)	15,689	13,938
2024	81	22.97	0	25,336	(5,207)	(9,670)	10,459	9,036
<b>Total</b>			<b>\$35,669</b>	<b>\$598,563</b>	<b>(\$123,005)</b>	<b>(\$245,590)</b>	<b>\$265,637</b>	<b>\$260,116</b>

**EXHIBIT 4A. LOSS ESTIMATED VALUE OF REPLACEMENT SERVICES****MRS. CATHERINE FAGAN**

YEAR	AGE	TIME FRAME	HOUSEHOLD SERVICES	CARE SERVICES	TOTAL SERVICES	PRESENT VALUE
2001	58	0.31			\$0	\$0
2002	59	1.31			0	0
2003	60	2.31			0	0
2004	61	3.31			0	0
2005	62	4.31			0	0
2006	63	5.31			0	0
2007	64	6.31			0	0
2008	65	7.31			0	0
2009	66	8.31			0	0
2010	67	9.31			0	0
2011	68	10.31			0	0
2012	69	11.31			0	0
2013	70	12.31			0	0
2014	71	13.31			0	0
2015	72	14.31			0	0
2016	73	15.31			0	0
2017	74	16.31			0	0
2018	75	17.31			0	0
2019	76	18.31			0	0
2020	77	19.31			0	0
2021	78	20.31			0	0
2022	79	21.31			0	0
2023	80	22.31			0	0
2024	81	22.81			0	0
<b>Total</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

# **Exhibit B-4**

**John E. Beauzile**

28 Penny Lane

Binghamton, NY 13905

Email: [jeb2235@columbia.edu](mailto:jeb2235@columbia.edu)

**Jerry S. Goldman**

Anderson Kill

1760 Market Street, Suite 600

Philadelphia, PA 19103

Re: Update of Analysis of Economic Loss in the Matter of  
The Estate of **Mrs. Peggie Hurt**

December 29, 2019

Dear Mr. Goldman,

You have asked me to update the present value numbers in the analysis of the likely economic loss award from the September 11<sup>th</sup> Victim Compensation Fund prepared by **The Fund** dated **May 7, 2003**. I have used their assumptions for wages, benefits, taxes, personal consumption, replacement services, and discount rate to estimate those values and bring them to the present. The valuation date chosen is **January 1, 2020**.

In preparing this update, the only document reviewed is **The Fund's** report. This update assumes the reader is familiar with the methodology used and assumptions made by **The Fund** and, therefore, they will not be restated here.

The update of **The Fund's** analysis is summarized in four (4) sets of Exhibits.

- *Exhibit 1* provides the summary of Lost Earnings, Retirement Benefits, and Lost of Replacement Services;
- The set of *Exhibits 2s* shows the details behind the loss of earnings numbers;
- The *Exhibit 3* set provides supporting documentation for Retirement Benefits;
- The loss of Replacement Services amounts are in *Exhibits 4s*.

I believe that I have already provided you with a copy of my curriculum vitae. If you need a copy, please let me know.

Sincerely,



John E. Beauzile

<b>Valuation Date</b>	01-Jan-20
<b>Discount Rate</b>	3.9%

**Exhibit 1. Summary of Economic Damages**  
**Mrs. Peggie Hurt**

	<b>Present Value</b>
Present Value of Lost Earnings	\$796,834
Present Value of Retirement Benefits	229,045
Present Value of Lost Replacement Services	0
<b>Total</b>	<b>\$1,025,879</b>

Base Salary	Unempl.	Tax Rate	Benefits	Pers. Consump.
54,047	3.0%	14.570%	2,448	62.640%

**Exhibit 2a. Present Value of Lost Earnings**  
**Mrs. Peggie Hurt**  
Special Master Worklife

Year	Age	Time Frame	Age-Specific Growth Factor	Earnings	Benefits	Unempl. Adj.	Taxes	Consumption	Net Earnings	PV of Net Earnings
2001	36	0.31	1.00000	\$16,573	\$736	\$0	(\$2,415)	(\$8,869)	\$6,026	\$6,026
2002	37	1.31	1.05983	57,281	2,595	(1,535)	(8,095)	(29,733)	20,512	20,512
2003	38	2.31	1.05781	60,592	2,745	(1,623)	(8,563)	(31,452)	21,698	21,698
2004	39	3.31	1.05580	63,974	2,898	(1,714)	(9,041)	(33,207)	22,909	22,909
2005	40	4.31	1.05379	67,415	3,054	(1,806)	(9,528)	(34,994)	24,141	24,141
2006	41	5.31	1.05179	70,906	3,212	(1,900)	(10,021)	(36,806)	25,392	25,392
2007	42	6.31	1.04979	74,436	3,372	(1,994)	(10,520)	(38,638)	26,656	26,656
2008	43	7.31	1.04779	77,993	3,533	(2,089)	(11,023)	(40,485)	27,930	27,930
2009	44	8.31	1.04579	81,565	3,695	(2,185)	(11,528)	(42,339)	29,209	29,209
2010	45	9.31	1.04380	85,138	3,857	(2,281)	(12,032)	(44,193)	30,488	30,488
2011	46	10.31	1.04182	88,698	4,018	(2,376)	(12,536)	(46,041)	31,763	31,763
2012	47	11.31	1.03984	92,232	4,178	(2,471)	(13,035)	(47,876)	33,028	33,028
2013	48	12.31	1.03786	95,723	4,336	(2,564)	(13,528)	(49,688)	34,279	34,279
2014	49	13.31	1.03588	99,158	4,492	(2,656)	(14,014)	(51,471)	35,509	35,509
2015	50	14.31	1.03391	102,520	4,644	(2,747)	(14,489)	(53,216)	36,713	36,713
2016	51	15.31	1.03194	105,795	4,793	(2,834)	(14,952)	(54,916)	37,885	37,885
2017	52	16.31	1.03000	108,969	4,936	(2,919)	(15,400)	(56,564)	39,022	39,022
2018	53	17.31	1.03000	112,238	5,084	(3,007)	(15,862)	(58,260)	40,193	40,193
2019	54	18.31	1.03000	115,605	5,237	(3,097)	(16,338)	(60,008)	41,398	41,398
2020	55	19.31	1.03000	119,073	5,394	(3,190)	(16,829)	(61,809)	42,640	41,768
2021	56	20.31	1.03000	122,646	5,556	(3,286)	(17,333)	(63,663)	43,920	41,406
2022	57	21.31	1.03000	126,325	5,723	(3,384)	(17,853)	(65,573)	45,237	41,048
2023	58	22.31	1.03000	130,115	5,894	(3,486)	(18,389)	(67,540)	46,594	40,692
2024	59	23.31	1.03000	134,018	6,071	(3,590)	(18,941)	(69,566)	47,992	40,340
2025	60	23.97	1.03000	92,025	4,169	(2,465)	(13,006)	(47,769)	32,954	26,830
<b>Total</b>				<b>\$2,301,015</b>	<b>\$104,221</b>	<b>(\$61,200)</b>	<b>(\$325,273)</b>	<b>(\$1,194,676)</b>	<b>\$824,087</b>	<b>\$796,834</b>

Unempl.	Tax Rate	Pers. Cons.	Pension Contrib. Rate	401(k) Contrib. Rate
3.0%	14.570%	62.640%	4.192%	0.000%

**Exhibit 3a. Present Value of Lost Pension Benefits**  
**Mrs. Peggie Hurt**  
Special Master Worklife

Year	Age	Time Frame	Net Pension Contrib. (Contrib. - Deduct.)	Projected Pension Benefit	Taxes	Consumption	Net Loss	PV of Net Loss
2001	36	0.31	\$695	\$0	\$0	(\$435)	\$260	\$260
2002	37	1.31	2,329	0	0	(1,459)	870	870
2003	38	2.31	2,464	0	0	(1,543)	920	920
2004	39	3.31	2,601	0	0	(1,629)	972	972
2005	40	4.31	2,741	0	0	(1,717)	1,024	1,024
2006	41	5.31	2,883	0	0	(1,806)	1,077	1,077
2007	42	6.31	3,027	0	0	(1,896)	1,131	1,131
2008	43	7.31	3,171	0	0	(1,987)	1,185	1,185
2009	44	8.31	3,317	0	0	(2,078)	1,239	1,239
2010	45	9.31	3,462	0	0	(2,169)	1,293	1,293
2011	46	10.31	3,607	0	0	(2,259)	1,347	1,347
2012	47	11.31	3,750	0	0	(2,349)	1,401	1,401
2013	48	12.31	3,892	0	0	(2,438)	1,454	1,454
2014	49	13.31	4,032	0	0	(2,526)	1,506	1,506
2015	50	14.31	4,169	0	0	(2,611)	1,557	1,557
2016	51	15.31	4,302	0	0	(2,695)	1,607	1,607
2017	52	16.31	4,431	0	0	(2,776)	1,655	1,655
2018	53	17.31	4,564	0	0	(2,859)	1,705	1,705
2019	54	18.31	4,701	0	0	(2,945)	1,756	1,756
2020	55	19.31	4,842	0	0	(3,033)	1,809	1,772
2021	56	20.31	4,987	0	0	(3,124)	1,863	1,757
2022	57	21.31	5,137	0	0	(3,218)	1,919	1,741
2023	58	22.31	5,291	0	0	(3,314)	1,977	1,726
2024	59	23.31	5,449	0	0	(3,414)	2,036	1,711
2025	60	24.31	3,742	16,698	(2,433)	(11,280)	6,727	5,443
2026	61	25.31	0	50,094	(7,299)	(26,807)	15,988	12,449
2027	62	26.31	0	51,096	(7,445)	(27,343)	16,308	12,221
2028	63	27.31	0	52,118	(7,594)	(27,890)	16,634	11,998
2029	64	28.31	0	53,160	(7,745)	(28,448)	16,967	11,778
2030	65	29.31	0	54,223	(7,900)	(29,017)	17,306	11,563
2031	66	30.31	0	55,307	(8,058)	(29,597)	17,652	11,351
2032	67	31.31	0	56,413	(8,219)	(30,188)	18,005	11,144
2033	68	32.31	0	57,541	(8,384)	(30,792)	18,365	10,940
2034	69	33.31	0	58,692	(8,551)	(31,408)	18,733	10,740
2035	70	34.31	0	59,866	(8,722)	(32,036)	19,107	10,544
2036	71	35.31	0	61,063	(8,897)	(32,677)	19,489	10,351
2037	72	36.31	0	62,284	(9,075)	(33,330)	19,879	10,161
2038	73	37.31	0	63,530	(9,256)	(33,997)	20,277	9,976
2039	74	38.31	0	64,801	(9,442)	(34,677)	20,682	9,793
2040	75	39.31	0	66,097	(9,630)	(35,371)	21,096	9,614
2041	76	40.31	0	67,419	(9,823)	(36,078)	21,518	9,438
2042	77	41.31	0	68,767	(10,019)	(36,800)	21,948	9,266
2043	78	42.14	0	58,452	(8,516)	(31,280)	18,656	7,604
<b>Total</b>			<b>\$93,586</b>	<b>\$1,077,621</b>	<b>(\$157,009)</b>	<b>(\$635,293)</b>	<b>\$378,904</b>	<b>\$229,045</b>

**Exhibit 4a. Loss Estimated Value of Replacement Services**  
**Mrs. Peggie Hurt**

<b>Year</b>	<b>Age</b>	<b>Time Frame</b>	<b>Household Services</b>	<b>Care Services</b>	<b>Total Services</b>	<b>Present Value</b>
2001	36	0.31			\$0	\$0
2002	37	1.31			0	0
2003	38	2.31			0	0
2004	39	3.31			0	0
2005	40	4.31			0	0
2006	41	5.31			0	0
2007	42	6.31			0	0
2008	43	7.31			0	0
2009	44	8.31			0	0
2010	45	9.31			0	0
2011	46	10.31			0	0
2012	47	11.31			0	0
2013	48	12.31			0	0
2014	49	13.31			0	0
2015	50	14.31			0	0
2016	51	15.31			0	0
2017	52	16.31			0	0
2018	53	17.31			0	0
2019	54	18.31			0	0
2020	55	19.31			0	0
2021	56	20.31			0	0
2022	57	21.31			0	0
2023	58	22.31			0	0
2024	59	22.81			0	0
<b>Total</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

# **Exhibit B-5**

**John E. Beauzile**

28 Penny Lane

Binghamton, NY 13905

Email: [jeb2235@columbia.edu](mailto:jeb2235@columbia.edu)

**Jerry S. Goldman**

Anderson Kill

1760 Market Street, Suite 600

Philadelphia, PA 19103

Re: Update of Analysis of Economic Loss in the Matter of  
The Estate of **Mr. Kenneth Grouzalis**

December 29, 2019

Dear Mr. Goldman,

You have asked me to update the present value numbers in the analysis of the likely economic loss award from the September 11<sup>th</sup> Victim Compensation Fund prepared by **The Fund** dated **July 25, 2003**. I have used their assumptions for wages, benefits, taxes, personal consumption, replacement services, and discount rate to estimate those values and bring them to the present. The valuation date chosen is **January 1, 2020**.

In preparing this update, the only document reviewed is **The Fund's** report. This update assumes the reader is familiar with the methodology used and assumptions made by **The Fund** and, therefore, they will not be restated here.

The update of **The Fund's** analysis is summarized in four (4) sets of Exhibits.

- *Exhibit 1* provides the summary of Lost Earnings, Retirement Benefits, and Lost of Replacement Services;
- The set of *Exhibits 2s* shows the details behind the loss of earnings numbers;
- The *Exhibit 3* set provides supporting documentation for Retirement Benefits;
- The loss of Replacement Services amounts are in *Exhibits 4s*.

I believe that I have already provided you with a copy of my curriculum vitae. If you need a copy, please let me know.

Sincerely,

John E. Beauzile



<b>Valuation Date</b>	01-Jan-20
<b>Discount Rate</b>	3.4%

**Exhibit 1. Summary of Economic Damages**  
**Mr. Kenneth Grouzalis**

	<b>Present Value</b>
Present Value of Lost Earnings	\$730,960
Present Value of Retirement Benefits	303,202
Present Value of Lost Replacement Services	137,495
<b>Total</b>	<b>\$1,171,657</b>

Base Salary	Unempl.	Tax Rate	Benefits	Pers. Consump.
96,289	3.0%	20.550%	7,589	8.7-12.49%

**Exhibit 2a. Present Value of Lost Earnings**  
**Mr. Kenneth Grouzalis**  
Special Master Worklife

Year	Age	Time Frame	Age-Specific Growth Factor	Earnings	Benefits	Unempl. Adj.	Taxes	Consumption	Net Earnings	PV of Net Earnings
2001	56	0.31	1.00000	\$29,526	\$2,304	\$0	(\$6,068)	(\$2,042)	\$23,721	\$23,721
2002	57	1.31	1.03000	99,177	7,817	(2,550)	(19,770)	(6,652)	78,023	78,023
2003	58	2.31	1.03000	102,153	8,052	(2,627)	(20,363)	(6,851)	80,364	80,364
2004	59	3.31	1.03000	105,217	8,293	(2,706)	(20,974)	(7,057)	82,775	82,775
2005	60	4.31	1.03000	108,374	8,542	(2,787)	(21,603)	(7,268)	85,258	85,258
2006	61	5.31	1.03000	111,625	8,798	(2,870)	(22,251)	(7,487)	87,816	87,816
2007	62	6.31	1.03000	114,974	9,062	(2,956)	(22,918)	(11,064)	87,098	87,098
2008	63	7.31	1.03000	118,423	9,334	(3,045)	(23,606)	(11,396)	89,710	89,710
2009	64	8.31	1.03000	121,976	9,614	(3,136)	(24,314)	(11,738)	92,402	92,402
2010	65	8.56	1.03000	31,409	2,476	(808)	(6,261)	(3,022)	23,794	23,794
<b>Total</b>				<b>\$942,855</b>	<b>\$74,292</b>	<b>(\$23,485)</b>	<b>(\$188,126)</b>	<b>(\$74,576)</b>	<b>\$730,960</b>	<b>\$730,960</b>

Unempl.	Tax Rate	Pers. Cons.	Pension Contrib. Rate	401(k) Contrib. Rate
3.0%	20.550%	8.7-12.49%	0.000%	0.000%

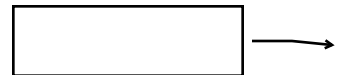
**Exhibit 3a. Present Value of Lost Pension Benefits**  
**Mr. Kenneth Grouzalis**  
Special Master Worklife

Year	Age	Time Frame	Projected Pension	Vested Pension	Taxes	Consumption	Net Loss	PV of Net Loss
2001	56	0.31	\$0	(\$14,604)	\$3,001	\$1,010	(\$10,593)	(\$10,593)
2002	57	1.31	0	(58,416)	12,004	4,039	(42,372)	(42,372)
2003	58	2.31	0	(58,416)	12,004	4,039	(42,372)	(42,372)
2004	59	3.31	0	(58,416)	12,004	4,039	(42,372)	(42,372)
2005	60	4.31	0	(58,416)	12,004	4,039	(42,372)	(42,372)
2006	61	5.31	0	(58,416)	12,004	4,039	(42,372)	(42,372)
2007	62	6.31	0	(58,596)	12,041	5,813	(40,742)	(40,742)
2008	63	7.31	0	(58,776)	12,078	5,831	(40,867)	(40,867)
2009	64	8.31	0	(58,956)	12,115	5,849	(40,992)	(40,992)
2010	65	9.31	90,593	(59,136)	(6,464)	(3,121)	21,872	21,872
2011	66	10.31	120,790	(59,316)	(12,633)	(6,099)	42,743	42,743
2012	67	11.31	120,790	(59,496)	(12,596)	(6,081)	42,617	42,617
2013	68	12.31	120,790	(59,676)	(12,559)	(6,063)	42,492	42,492
2014	69	13.31	120,790	(59,856)	(12,522)	(6,045)	42,367	42,367
2015	70	14.31	120,970	(60,036)	(12,522)	(6,045)	42,367	42,367
2016	71	15.31	121,150	(60,216)	(12,522)	(6,045)	42,367	42,367
2017	72	16.31	121,330	(60,396)	(12,522)	(6,045)	42,367	42,367
2018	73	17.31	121,510	(60,576)	(12,522)	(6,045)	42,367	42,367
2019	74	18.31	121,690	(60,756)	(12,522)	(6,045)	42,367	42,367
2020	75	19.31	121,870	(60,936)	(12,522)	(6,045)	42,367	41,609
2021	76	20.31	122,050	(61,116)	(12,522)	(6,045)	42,367	40,240
2022	77	21.31	122,230	(61,296)	(12,522)	(6,045)	42,367	38,917
2023	78	22.31	122,410	(61,476)	(12,522)	(6,045)	42,367	37,638
2024	79	23.31	122,590	(61,656)	(12,522)	(6,045)	42,367	36,400
2025	80	24.31	122,770	(61,836)	(12,522)	(6,045)	42,367	35,203
2026	81	24.72	51,229	(25,840)	(5,217)	(2,519)	17,653	14,324
<b>Total</b>			<b>\$1,965,552</b>	<b>(\$1,476,628)</b>	<b>(\$100,474)</b>	<b>(\$57,723)</b>	<b>\$330,727</b>	<b>\$303,202</b>

**Exhibit 4a. Loss Estimated Value of Replacement Services****Mr. Kenneth Grouzalis**

<b>Year</b>	<b>Age</b>	<b>Time Frame</b>	<b>Household Services</b>	<b>Care Services</b>	<b>Remodeling (Past Cost)</b>	<b>Total Services</b>	<b>Present Value</b>
2001	56	0.31	\$3,341	\$431	\$17,000	\$20,772	\$20,772
2002	57	1.31	11,223	1,446		12,669	12,669
2003	58	2.31	11,560	1,490		13,049	13,049
2004	59	3.31	11,906	1,534		13,441	13,441
2005	60	4.31	12,264	1,580		13,844	13,844
2006	61	5.31	12,631	1,628		14,259	14,259
2007	62	6.31	13,010	1,676		14,687	14,687
2008	63	7.31	13,401	1,727		15,127	15,127
2009	64	8.31	13,803	1,779		15,581	15,581
2010	65	8.56	3,602	464		4,066	4,066
<b>Total</b>			<b>\$106,741</b>	<b>\$13,754</b>	<b>\$17,000</b>	<b>\$137,495</b>	<b>\$137,495</b>

# Exhibit B-6



**John E. Beauzile**

28 Penny Lane

Binghamton, NY 13905

Email: [jeb2235@columbia.edu](mailto:jeb2235@columbia.edu)

**Jerry S. Goldman**

Anderson Kill

1760 Market Street, Suite 600

Philadelphia, PA 19103

Re: Update of Analysis of Economic Loss in the Matter of  
The Estate of **Mr. John Florio**

December 29, 2019

Dear Mr. Goldman,

You have asked me to update the present value numbers in the analysis of the likely economic loss award from the September 11<sup>th</sup> Victim Compensation Fund prepared by **The Fund** dated **February 25, 2004**. I have used their assumptions for wages, benefits, taxes, personal consumption, replacement services, and discount rate to estimate those values and bring them to the present. The valuation date chosen is **January 1, 2020**.

The amount that was awarded by **The Fund** was \$397,209 higher than that set forth in their Valuation Model. The amount computed by the model was \$2,668,692, whereas the amount that **The Fund** determined to be the appropriate value of economic loss was \$3,065,901. In order to calculate the present value of economic loss, we converted the values in **The Fund's** valuation model to the amounts that could have produced the actual amount paid, assuming all else remained the same. These amounts were set equal to the model's values multiplied by 1.14884 (or \$3,065,901 divided by \$2,668,692).

In preparing this update, the only document reviewed is **The Fund's** report. This update assumes the reader is familiar with the methodology used and assumptions made by **The Fund** and, therefore, they will not be restated here.

The update of **The Fund's** analysis is summarized in four (4) sets of Exhibits.

- *Exhibit 1* provides the summary of Lost Earnings, Retirement Benefits, and Lost of Replacement Services;
- The set of *Exhibits 2s* shows the details behind the loss of earnings numbers;
- The *Exhibit 3* set provides supporting documentation for Retirement Benefits;
- The loss of Replacement Services amounts are in *Exhibits 4s*.

I believe that I have already provided you with a copy of my curriculum vitae. If you need a copy, please let me know.

Sincerely,

John E. Beauzile



<b>Valuation Date</b>	01-Jan-20
<b>Discount Rate</b>	4.2%

**Exhibit 1. Summary of Economic Damages**  
**Mr. John Florio**

	<b>Present Value</b>
Present Value of Lost Earnings	\$3,873,970
Present Value of Retirement Benefits	1,038,048
Present Value of Lost Replacement Services	0
<b>Total</b>	<b>\$4,912,017</b>

Base Salary	Unempl.	Tax Rate	Benefits	Pers. Consump.
84,589	3.0%	18.440%	8,786	8.89-17.36%

**Exhibit 2a. Present Value of Lost Earnings**  
**Mr. John Florio**  
Special Master Worklife

Year	Age	Time Frame	Age-Specific Growth Factor	Earnings	Benefits	Unempl. Adj.	Taxes	Consumption	Net Earnings	PV of Net Earnings
2001	34	0.31	1.00000	\$25,939	\$2,694	\$0	(\$4,783)	(\$1,881)	\$21,968	\$21,968
2002	35	1.31	1.06388	89,993	9,347	(2,431)	(16,097)	(6,331)	74,481	74,481
2003	36	2.31	1.06185	95,559	9,925	(2,581)	(17,092)	(6,722)	79,088	79,088
2004	37	3.31	1.05983	101,276	10,519	(2,735)	(18,115)	(7,125)	83,820	83,820
2005	38	4.31	1.05781	107,132	11,127	(2,894)	(19,162)	(7,536)	88,666	88,666
2006	39	5.31	1.05580	113,110	11,748	(3,055)	(20,232)	(7,957)	93,614	93,614
2007	40	6.31	1.05379	119,194	12,380	(3,219)	(21,320)	(8,385)	98,650	98,650
2008	41	7.31	1.05179	125,367	13,021	(3,386)	(22,424)	(8,819)	103,758	103,758
2009	42	8.31	1.04979	131,609	13,669	(3,555)	(23,541)	(9,258)	108,924	108,924
2010	43	9.31	1.04779	137,898	14,322	(3,725)	(24,666)	(9,701)	114,129	114,129
2011	44	10.31	1.04579	144,213	14,978	(3,895)	(25,795)	(10,145)	119,356	119,356
2012	45	11.31	1.04380	150,530	15,634	(4,066)	(26,925)	(10,589)	124,584	124,584
2013	46	12.31	1.04182	156,825	16,288	(4,236)	(28,051)	(11,032)	129,794	129,794
2014	47	13.31	1.03984	163,072	16,937	(4,404)	(29,168)	(11,572)	131,264	131,264
2015	48	14.31	1.03786	169,245	17,578	(4,571)	(30,273)	(12,115)	136,233	136,233
2016	49	15.31	1.03588	175,318	18,209	(4,735)	(31,359)	(12,662)	141,121	141,121
2017	50	16.31	1.03391	181,263	18,826	(4,896)	(32,422)	(13,215)	145,907	145,907
2018	51	17.31	1.03194	187,053	19,428	(5,052)	(33,458)	(13,768)	150,567	150,567
2019	52	18.31	1.03000	192,665	20,011	(5,204)	(34,462)	(14,325)	146,548	146,548
2020	53	19.31	1.03000	198,445	20,611	(5,360)	(35,495)	(14,887)	150,945	147,628
2021	54	20.31	1.03000	204,398	21,229	(5,521)	(36,560)	(15,454)	155,473	145,928
2022	55	21.31	1.03000	210,530	21,866	(5,686)	(37,657)	(16,026)	160,137	144,248
2023	56	22.31	1.03000	216,846	22,522	(5,857)	(38,787)	(16,603)	164,941	142,587
2024	57	23.31	1.03000	223,351	23,198	(6,033)	(39,950)	(17,185)	169,890	140,945
2025	58	24.31	1.03000	230,052	23,894	(6,214)	(41,149)	(17,772)	174,986	139,321
2026	59	25.31	1.03000	236,953	24,610	(6,400)	(42,383)	(18,365)	180,236	137,717
2027	60	26.31	1.03000	244,062	25,349	(6,592)	(43,655)	(18,963)	185,643	136,131
2028	61	27.31	1.03000	251,384	26,109	(6,790)	(44,965)	(19,566)	191,212	134,563
2029	62	28.31	1.03000	258,925	26,893	(6,993)	(46,313)	(20,174)	196,949	133,013
2030	63	29.31	1.03000	266,693	27,699	(7,203)	(47,703)	(20,787)	202,857	131,482
2031	64	30.31	1.03000	274,694	28,530	(7,419)	(49,134)	(21,405)	208,943	129,967
2032	65	31.22	1.03000	259,355	26,937	(7,005)	(46,390)	(20,621)	197,275	117,965
<b>Total</b>				<b>\$5,642,948</b>	<b>\$586,089</b>	<b>(\$151,711)</b>	<b>(\$1,009,486)</b>	<b>(\$635,877)</b>	<b>\$4,431,962</b>	<b>\$3,873,970</b>

Unempl.	Tax Rate	Pers. Cons.	Pension Contrib. Rate	401(k) Contrib. Rate
3.0%	18.440%	8.89-17.36%	4.000%	0.000%

**Exhibit 3a. Present Value of Lost Pension Benefits**  
**Mr. John Florio**  
Special Master Worklife

Year	Age	Time Frame	Pension Contrib.	Net Pension (Projected-Vested)	Taxes	Consumption	Net Loss	PV of Net Loss
2001	34	0.31	(\$687)	\$0	\$0	\$61	(\$626)	(\$626)
2002	35	1.31	(2,385)	0	0	212	(2,173)	(2,173)
2003	36	2.31	(2,532)	0	0	225	(2,307)	(2,307)
2004	37	3.31	(2,684)	0	0	239	(2,446)	(2,446)
2005	38	4.31	(2,839)	0	0	252	(2,586)	(2,586)
2006	39	5.31	(2,997)	0	0	267	(2,731)	(2,731)
2007	40	6.31	(3,158)	0	0	281	(2,877)	(2,877)
2008	41	7.31	(3,322)	0	0	295	(3,026)	(3,026)
2009	42	8.31	(3,487)	0	0	310	(3,177)	(3,177)
2010	43	9.31	(2,436)	(7,511)	1,385	761	(7,801)	(7,801)
2011	44	10.31	0	(22,532)	4,155	1,634	(16,743)	(16,743)
2012	45	11.31	0	(22,532)	4,155	1,634	(16,743)	(16,743)
2013	46	12.31	0	(22,532)	4,155	1,634	(16,743)	(16,743)
2014	47	13.31	0	(22,532)	4,155	2,161	(16,216)	(16,216)
2015	48	14.31	6,770	9,655	(1,780)	(1,722)	12,922	12,922
2016	49	15.31	7,148	74,030	(13,651)	(7,941)	59,585	59,585
2017	50	16.31	7,532	74,030	(13,651)	(7,987)	59,924	59,924
2018	51	17.31	7,922	74,030	(13,651)	(8,033)	60,269	60,269
2019	52	18.31	8,317	74,030	(13,651)	(11,926)	56,770	56,770
2020	53	19.31	8,714	74,030	(13,651)	(11,995)	57,098	55,844
2021	54	20.31	9,113	74,030	(13,651)	(12,064)	57,428	53,902
2022	55	21.31	9,512	73,823	(13,613)	(12,104)	57,618	51,901
2023	56	22.31	9,910	73,617	(13,575)	(12,144)	57,808	49,973
2024	57	23.31	10,305	73,410	(13,537)	(12,183)	57,994	48,114
2025	58	24.31	10,695	73,410	(13,537)	(12,251)	58,317	46,431
2026	59	25.31	11,079	73,410	(13,537)	(12,318)	58,634	44,802
2027	60	26.31	11,454	73,410	(13,537)	(12,383)	58,944	43,224
2028	61	27.31	11,820	73,410	(13,537)	(12,446)	59,247	41,694
2029	62	28.31	12,175	73,410	(13,537)	(12,508)	59,540	40,212
2030	63	29.31	12,540	73,410	(13,537)	(12,571)	59,842	38,786
2031	64	30.31	12,916	73,410	(13,537)	(12,637)	60,153	37,416
2032	65	31.31	12,195	73,410	(13,537)	(12,511)	59,557	35,552
2033	66	32.31	0	73,410	(13,537)	(10,394)	49,479	28,346
2034	67	33.31	0	73,410	(13,537)	(10,394)	49,479	27,203
2035	68	34.31	0	73,410	(13,537)	(10,394)	49,479	26,107
2036	69	35.31	0	73,410	(13,537)	(10,394)	49,479	25,055
2037	70	36.31	0	73,410	(13,537)	(10,394)	49,479	24,045
2038	71	37.31	0	73,410	(13,537)	(10,394)	49,479	23,075
2039	72	38.31	0	73,410	(13,537)	(10,394)	49,479	22,145
2040	73	39.31	0	73,410	(13,537)	(10,394)	49,479	21,253
2041	74	40.31	0	73,410	(13,537)	(10,394)	49,479	20,396
2042	75	41.31	0	73,410	(13,537)	(10,394)	49,479	19,574
2043	76	42.31	0	73,410	(13,537)	(10,394)	49,479	18,785
2044	77	43.31	0	73,410	(13,537)	(10,394)	49,479	18,028
2045	78	44.31	0	73,410	(13,537)	(10,394)	49,479	17,301
2046	79	44.64	0	24,469	(4,512)	(3,465)	16,492	5,611
<b>Total</b>			<b>\$153,588</b>	<b>\$2,143,120</b>	<b>(\$395,191)</b>	<b>(\$326,350)</b>	<b>\$1,575,167</b>	<b>\$1,038,048</b>

**Exhibit 4a. Loss Estimated Value of Replacement Services****Mr. John Florio**

<b>Year</b>	<b>Age</b>	<b>Time Frame</b>	<b>Household Services</b>	<b>Care Services</b>	<b>Total Services</b>	<b>Present Value</b>
2001	34	0.31			\$0	\$0
2002	35	1.31			0	0
2003	36	2.31			0	0
2004	37	3.31			0	0
2005	38	4.31			0	0
2006	39	5.31			0	0
2007	40	6.31			0	0
2008	41	7.31			0	0
2009	42	8.31			0	0
2010	43	9.31			0	0
2011	44	10.31			0	0
2012	45	11.31			0	0
2013	46	12.31			0	0
2014	47	13.31			0	0
2015	48	14.31			0	0
2016	49	15.31			0	0
2017	50	16.31			0	0
2018	51	17.31			0	0
2019	52	18.31			0	0
2020	53	19.31			0	0
2021	54	20.31			0	0
2022	55	21.31			0	0
2023	56	22.31			0	0
2024	57	22.81			0	0
<b>Total</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

# **Exhibit B-7**

**John E. Beauzile**

28 Penny Lane

Binghamton, NY 13905

Email: [jeb2235@columbia.edu](mailto:jeb2235@columbia.edu)

**Jerry S. Goldman**

Anderson Kill

1760 Market Street, Suite 600

Philadelphia, PA 19103

Re: Update of Analysis of Economic Loss in the Matter of  
The Estate of **Mr. Andrew Fisher**

January 4, 2020

Dear Mr. Goldman,

You have asked me to update the present value numbers in the analysis of the likely economic loss award from the September 11<sup>th</sup> Victim Compensation Fund prepared by **The Fund** dated **August 21, 2003**. I have used their assumptions for wages, benefits, taxes, personal consumption, replacement services, and discount rate to estimate those values and bring them to the present. The valuation date chosen is **January 1, 2020**.

In preparing this update, the only document reviewed is **The Fund's** report. This update assumes the reader is familiar with the methodology used and assumptions made by **The Fund** and, therefore, they will not be restated here.

The update of **The Fund's** analysis is summarized in four (4) sets of Exhibits.

- *Exhibit 1* provides the summary of Lost Earnings, Retirement Benefits, and Lost of Replacement Services;
- The set of *Exhibits 2s* shows the details behind the loss of earnings numbers;
- The *Exhibit 3* set provides supporting documentation for Retirement Benefits;
- The loss of Replacement Services amounts are in *Exhibits 4s*.

I believe that I have already provided you with a copy of my curriculum vitae. If you need a copy, please let me know.

Sincerely,

John E. Beauzile



<b>Valuation Date</b>	01-Jan-20
<b>Discount Rate</b>	3.9%

**Exhibit 1. Summary of Economic Damages**  
**Mr. Andrew Fisher**

	<b><u>Present Value</u></b>
Present Value of Lost Earnings	\$1,478,764
Present Value of Retirement Benefits	69,772
Present Value of Lost Replacement Services	<u>0</u>
<b>Total</b>	<b><u><u>\$1,548,536</u></u></b>

Base Salary	Unempl.	Tax Rate	Benefits	Pers. Consump.
124,100	3.0%	21.600%	3,271	48.039%

**Exhibit 2a. Present Value of Lost Earnings**  
**Mr. Andrew Fisher**  
Special Master Worklife

Year	Age	Time Frame	Age-Specific Growth Factor	Earnings	Benefits	Unempl. Adj.	Taxes	Consumption	Net Earnings	PV of Net Earnings
2001	42	0.31	1.00000	\$38,054	\$1,003	\$0	(\$8,220)	(\$14,332)	\$16,505	\$16,505
2002	43	1.31	1.04779	130,030	3,427	(3,139)	(27,244)	(47,504)	55,571	55,571
2003	44	2.31	1.04579	135,985	3,584	(3,283)	(28,492)	(49,679)	58,116	58,116
2004	45	3.31	1.04380	141,942	3,741	(3,426)	(29,740)	(51,856)	60,661	60,661
2005	46	4.31	1.04182	147,877	3,898	(3,570)	(30,983)	(54,024)	63,198	63,198
2006	47	5.31	1.03984	153,768	4,053	(3,712)	(32,218)	(56,176)	65,716	65,716
2007	48	6.31	1.03786	159,589	4,206	(3,852)	(33,437)	(58,303)	68,203	68,203
2008	49	7.31	1.03588	165,316	4,357	(3,991)	(34,637)	(60,395)	70,650	70,650
2009	50	8.31	1.03391	170,921	4,505	(4,126)	(35,811)	(62,443)	73,046	73,046
2010	51	9.31	1.03194	176,381	4,649	(4,258)	(36,955)	(64,437)	75,380	75,380
2011	52	10.31	1.03000	181,673	4,788	(4,386)	(38,064)	(66,370)	77,641	77,641
2012	53	11.31	1.03000	187,123	4,932	(4,517)	(39,206)	(68,362)	79,970	79,970
2013	54	12.31	1.03000	192,736	5,080	(4,653)	(40,382)	(70,412)	82,369	82,369
2014	55	13.31	1.03000	198,519	5,232	(4,792)	(41,594)	(72,525)	84,840	84,840
2015	56	14.31	1.03000	204,474	5,389	(4,936)	(42,841)	(74,701)	87,386	87,386
2016	57	15.31	1.03000	210,608	5,551	(5,084)	(44,127)	(76,942)	90,007	90,007
2017	58	16.31	1.03000	216,927	5,718	(5,237)	(45,450)	(79,250)	92,707	92,707
2018	59	17.31	1.03000	223,434	5,889	(5,394)	(46,814)	(81,627)	95,489	95,489
2019	60	18.31	1.03000	230,137	6,066	(5,556)	(48,218)	(84,076)	98,353	98,353
2020	61	19.14	1.03000	197,534	5,206	(4,768)	(41,387)	(72,165)	84,419	82,956
<b>Total</b>				<b>\$3,463,030</b>	<b>\$91,276</b>	<b>(\$82,679)</b>	<b>(\$725,821)</b>	<b>(\$1,265,578)</b>	<b>\$1,480,228</b>	<b>\$1,478,764</b>

Unempl.	Tax Rate	Pers. Cons.	Pension Contrib. Rate	401(k) Contrib. Rate
3.0%	21.600%	48.039%	4.000%	0.000%

**Exhibit 3a. Present Value of Lost Pension Benefits**  
**Mr. Andrew Fisher**  
Special Master Worklife

Year	Age	Time Frame	Pension Contrib.	401(k)	Taxes	Consumption	Net Loss	PV of Net Loss
2001	42	0.31	\$1,522	\$0	\$0	(\$731)	\$791	\$791
2002	43	1.31	5,045	0	0	(2,424)	2,622	2,622
2003	44	2.31	5,276	0	0	(2,535)	2,742	2,742
2004	45	3.31	5,507	0	0	(2,646)	2,862	2,862
2005	46	4.31	5,738	0	0	(2,756)	2,981	2,981
2006	47	5.31	5,966	0	0	(2,866)	3,100	3,100
2007	48	6.31	6,192	0	0	(2,975)	3,217	3,217
2008	49	7.31	6,414	0	0	(3,081)	3,333	3,333
2009	50	8.31	6,632	0	0	(3,186)	3,446	3,446
2010	51	9.31	6,844	0	0	(3,288)	3,556	3,556
2011	52	10.31	7,049	0	0	(3,386)	3,663	3,663
2012	53	11.31	7,260	0	0	(3,488)	3,773	3,773
2013	54	12.31	7,478	0	0	(3,592)	3,886	3,886
2014	55	13.31	7,703	0	0	(3,700)	4,002	4,002
2015	56	14.31	7,934	0	0	(3,811)	4,122	4,122
2016	57	15.31	8,172	0	0	(3,926)	4,246	4,246
2017	58	16.31	8,417	0	0	(4,043)	4,373	4,373
2018	59	17.31	8,669	0	0	(4,165)	4,505	4,505
2019	60	18.31	8,929	0	0	(4,290)	4,640	4,640
2020	61	19.14	7,664	0	0	(3,682)	3,982	3,913
<b>Total</b>			<b>\$134,411</b>	<b>\$0</b>	<b>\$0</b>	<b>(\$64,570)</b>	<b>\$69,841</b>	<b>\$69,772</b>

**Exhibit 4a. Loss Estimated Value of Replacement Services**  
**Mr. Andrew Fisher**

<b>Year</b>	<b>Age</b>	<b>Time Frame</b>	<b>Household Services</b>	<b>Care Services</b>	<b>Total Services</b>	<b>Present Value</b>
2001	42	0.31			\$0	\$0
2002	43	1.31			0	0
2003	44	2.31			0	0
2004	45	3.31			0	0
2005	46	4.31			0	0
2006	47	5.31			0	0
2007	48	6.31			0	0
2008	49	7.31			0	0
2009	50	8.31			0	0
2010	51	9.31			0	0
2011	52	10.31			0	0
2012	53	11.31			0	0
2013	54	12.31			0	0
2014	55	13.31			0	0
2015	56	14.31			0	0
2016	57	15.31			0	0
2017	58	16.31			0	0
2018	59	17.31			0	0
2019	60	18.31			0	0
2020	61	19.31			0	0
2021	62	20.31			0	0
2022	63	21.31			0	0
2023	64	22.31			0	0
2024	65	23.31			0	0
2025	66	24.31			0	0
2026	67	25.31			0	0
2027	68	26.31			0	0
2028	69	27.31			0	0
2029	70	28.31			0	0
2030	71	29.31			0	0
2031	72	30.31			0	0
2032	73	31.31			0	0
2033	74	32.31			0	0
2034	75	33.31			0	0
2035	76	34.31			0	0
2036	77	35.06			0	0
<b>Total</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

# **Exhibit B-8**

**John E. Beauzile**

28 Penny Lane

Binghamton, NY 13905

Email: [jeb2235@columbia.edu](mailto:jeb2235@columbia.edu)

**Jerry S. Goldman**

Anderson Kill

1760 Market Street, Suite 600

Philadelphia, PA 19103

Re: Update of Analysis of Economic Loss in the Matter of  
The Estate of **Mr. John R. Fisher**

December 29, 2019

Dear Mr. Goldman,

You have asked me to update the present value numbers in the analysis of the likely economic loss award from the September 11<sup>th</sup> Victim Compensation Fund prepared by **The Fund** dated **May 20, 2004**. I have used their assumptions for wages, benefits, taxes, personal consumption, replacement services, and discount rate to estimate those values and bring them to the present. The valuation date chosen is **January 1, 2020**.

For replacement services, the amount that was awarded by **The Fund** was \$700,000 higher than that set forth in their Valuation Model. The amount computed by the model was \$318,150, whereas the amount that **The Fund** determined to be the appropriate value of lost services was \$1,018,150. In order to calculate the present value of lost replacement services, we converted the monthly values in **The Fund's** valuation model to the annual amounts that could have produced the actual amount paid, assuming all else remained the same. This amount was set equal to the model's amount multiplied by 3.2 (or \$1,018,150 divided by \$318,150).

In preparing this update, the only document reviewed is **The Fund's** report. This update assumes the reader is familiar with the methodology used and assumptions made by **The Fund** and, therefore, they will not be restated here.

The update of **The Fund's** analysis is summarized in four (4) sets of Exhibits.

- *Exhibit 1* provides the summary of Lost Earnings, Retirement Benefits, and Lost of Replacement Services;
- The set of *Exhibits 2s* shows the details behind the loss of earnings numbers;
- The *Exhibit 3* set provides supporting documentation for Retirement Benefits;
- The loss of Replacement Services amounts are in *Exhibits 4s*.

I believe that I have already provided you with a copy of my curriculum vitae. If you need a copy, please let me know.

Sincerely,



John E. Beauzile

<b>Valuation Date</b>	01-Jan-20
<b>Discount Rate</b>	3.9%

**Exhibit 1. Summary of Economic Damages**  
**Mr. John R. Fisher**

	<b>Present Value</b>
Present Value of Lost Earnings	\$2,133,271
Present Value of Retirement Benefits	98,759
Present Value of Lost Replacement Services	1,514,225
<b>Total</b>	<b>\$3,746,255</b>

Base Salary	Unempl.	Tax Rate	Benefits	Pers. Consump.
93,152	3.0%	17.540%	2,433	4.71-48.04%

**Exhibit 2a. Present Value of Lost Earnings**  
**Mr. John R. Fisher**  
Special Master Worklife

Year	Age	Time Frame	Age-Specific Growth Factor	Earnings	Benefits	Unempl. Adj.	Taxes	Consumption	Net Earnings	PV of Net Earnings
2001	46	0.31	1.00000	\$28,564	\$746	\$0	(\$5,010)	(\$1,109)	\$23,191	\$23,191
2002	47	1.31	1.03984	96,862	2,530	(2,459)	(16,480)	(3,648)	76,806	76,806
2003	48	2.31	1.03786	100,529	2,625	(2,552)	(17,104)	(3,786)	79,713	79,713
2004	49	3.31	1.03588	104,136	2,720	(2,643)	(17,718)	(3,922)	82,574	82,574
2005	50	4.31	1.03391	107,668	2,812	(2,733)	(18,318)	(4,055)	85,374	85,374
2006	51	5.31	1.03194	111,107	2,902	(2,820)	(18,903)	(4,184)	88,101	88,101
2007	52	6.31	1.03000	114,440	2,989	(2,905)	(19,471)	(4,310)	90,744	90,744
2008	53	7.31	1.03000	117,873	3,078	(2,992)	(20,055)	(4,439)	93,466	93,466
2009	54	8.31	1.03000	121,409	3,171	(3,082)	(20,656)	(4,572)	96,270	96,270
2010	55	9.31	1.03000	125,052	3,266	(3,174)	(21,276)	(4,709)	99,158	99,158
2011	56	10.31	1.03000	128,803	3,364	(3,270)	(21,914)	(4,850)	102,133	102,133
2012	57	11.31	1.03000	132,667	3,465	(3,368)	(22,572)	(5,976)	104,217	104,217
2013	58	12.31	1.03000	136,647	3,569	(3,469)	(23,249)	(6,155)	107,344	107,344
2014	59	13.31	1.03000	140,747	3,676	(3,573)	(23,946)	(6,339)	110,564	110,564
2015	60	14.31	1.03000	144,969	3,786	(3,680)	(24,665)	(10,742)	109,668	109,668
2016	61	15.31	1.03000	149,318	3,900	(3,790)	(25,405)	(11,065)	112,958	112,958
2017	62	16.31	1.03000	153,798	4,017	(3,904)	(26,167)	(16,823)	110,920	110,920
2018	63	17.31	1.03000	158,412	4,137	(4,021)	(26,952)	(17,328)	114,248	114,248
2019	64	18.31	1.03000	163,164	4,261	(4,142)	(27,760)	(62,696)	72,828	72,828
2020	65	19.31	1.03000	168,059	4,389	(4,266)	(28,593)	(64,576)	75,012	73,478
2021	66	20.31	1.03000	173,101	4,521	(4,394)	(29,451)	(66,514)	77,263	72,842
2022	67	21.31	1.03000	178,294	4,656	(4,526)	(30,335)	(68,509)	79,581	72,211
2023	68	22.31	1.03000	183,643	4,796	(4,662)	(31,245)	(70,564)	81,968	71,585
2024	69	23.31	1.03000	189,152	4,940	(4,801)	(32,182)	(72,681)	84,427	70,965
2025	70	23.47	1.03000	32,472	848	(824)	(5,525)	(12,477)	14,494	11,913
<b>Total</b>				<b>\$3,260,885</b>	<b>\$85,164</b>	<b>(\$82,049)</b>	<b>(\$554,951)</b>	<b>(\$536,028)</b>	<b>\$2,173,020</b>	<b>\$2,133,271</b>

Unempl.	Tax Rate	Pers. Cons.	Pension Contrib. Rate	401(k) Contrib. Rate
3.0%	17.540%	4.71-48.04%	4.000%	0.000%

**Exhibit 3a. Present Value of Lost Pension Benefits**  
**Mr. John R. Fisher**  
Special Master Worklife

Year	Age	Time Frame	Pension Contrib.	401(K)	Taxes	Consumption	Net Loss	PV of Net Loss
2001	46	0.31	\$1,143	\$0	\$0	(\$54)	\$1,089	\$1,089
2002	47	1.31	3,758	0	0	(177)	3,581	3,581
2003	48	2.31	3,901	0	0	(184)	3,717	3,717
2004	49	3.31	4,040	0	0	(190)	3,850	3,850
2005	50	4.31	4,178	0	0	(197)	3,981	3,981
2006	51	5.31	4,311	0	0	(203)	4,108	4,108
2007	52	6.31	4,440	0	0	(209)	4,231	4,231
2008	53	7.31	4,573	0	0	(215)	4,358	4,358
2009	54	8.31	4,711	0	0	(222)	4,489	4,489
2010	55	9.31	4,852	0	0	(228)	4,624	4,624
2011	56	10.31	4,998	0	0	(235)	4,762	4,762
2012	57	11.31	5,147	0	0	(290)	4,858	4,858
2013	58	12.31	5,302	0	0	(299)	5,003	5,003
2014	59	13.31	5,461	0	0	(308)	5,153	5,153
2015	60	14.31	5,625	0	0	(521)	5,104	5,104
2016	61	15.31	5,794	0	0	(537)	5,257	5,257
2017	62	16.31	5,967	0	0	(816)	5,151	5,151
2018	63	17.31	6,146	0	0	(841)	5,306	5,306
2019	64	18.31	6,331	0	0	(3,041)	3,290	3,290
2020	65	19.31	6,521	0	0	(3,132)	3,388	3,319
2021	66	20.31	6,716	0	0	(3,226)	3,490	3,290
2022	67	21.31	6,918	0	0	(3,323)	3,595	3,262
2023	68	22.31	7,125	0	0	(3,423)	3,702	3,233
2024	69	23.31	7,339	0	0	(3,526)	3,813	3,205
2025	70	23.47	1,260	0	0	(605)	655	538
<b>Total</b>			<b>\$126,557</b>	<b>\$0</b>	<b>\$0</b>	<b>(\$26,002)</b>	<b>\$100,555</b>	<b>\$98,759</b>

**Exhibit 4a. Loss Estimated Value of Replacement Services****Mr. John R. Fisher**

<b>Year</b>	<b>Age</b>	<b>Time Frame</b>	<b>Household Services</b>	<b>Care Services</b>	<b>Total Services</b>	<b>Present Value</b>
2001	46	0.31	\$13,589	\$7,725	\$21,314	\$21,314
2002	47	1.31	45,646	25,948	71,594	71,594
2003	48	2.31	47,016	26,726	73,742	73,742
2004	49	3.31	48,426	27,528	75,954	75,954
2005	50	4.31	49,879	28,354	78,233	78,233
2006	51	5.31	51,375	29,205	80,580	80,580
2007	52	6.31	52,916	30,081	82,997	82,997
2008	53	7.31	54,504	30,983	85,487	85,487
2009	54	8.31	56,139	31,913	88,052	88,052
2010	55	9.31	65,330	23,143	88,473	88,473
2011	56	10.31	69,157	21,418	90,575	90,575
2012	57	11.31	65,108	18,393	83,501	83,501
2013	58	12.31	62,856	16,426	79,282	79,282
2014	59	13.31	51,009	13,808	64,818	64,818
2015	60	14.31	19,750	6,796	26,546	26,546
2016	61	15.31	20,342	7,000	27,342	27,342
2017	62	16.31	20,952	7,210	28,163	28,163
2018	63	17.31	21,581	7,426	29,007	29,007
2019	64	18.31	22,228	7,649	29,878	29,878
2020	65	19.31	22,895	7,879	30,774	30,145
2021	66	20.31	23,582	8,115	31,697	29,884
2022	67	21.31	24,290	8,359	32,648	29,625
2023	68	22.31	25,018	8,609	33,628	29,368
2024	69	23.31	25,769	8,868	34,636	29,114
2025	70	24.31	26,542	9,134	35,676	28,862
2026	71	25.31	27,338	9,408	36,746	28,612
2027	72	26.31	28,158	9,690	37,848	28,364
2028	73	27.31	29,003	9,980	38,984	28,118
2029	74	28.31	29,873	10,280	40,153	27,874
2030	75	28.98	20,719	7,130	27,849	18,723
<b>Total</b>			<b>\$1,120,994</b>	<b>\$465,183</b>	<b>\$1,586,177</b>	<b>\$1,514,225</b>

# Exhibit B-9

**John E. Beauzile**

28 Penny Lane

Binghamton, NY 13905

Email: [jeb2235@columbia.edu](mailto:jeb2235@columbia.edu)

**Jerry S. Goldman**

Anderson Kill

1760 Market Street, Suite 600

Philadelphia, PA 19103

Re: Update of Analysis of Economic Loss in the Matter of  
The Estate of **Mr. Harry Goody**

December 29, 2019

Dear Mr. Goldman,

You have asked me to update the present value numbers in the analysis of the likely economic loss award from the September 11<sup>th</sup> Victim Compensation Fund prepared by **The Fund** dated **May 18, 2004**. I have used their assumptions for wages, benefits, taxes, personal consumption, replacement services, and discount rate to estimate those values and bring them to the present. The valuation date chosen is **January 1, 2020**.

For replacement services, the amount that was awarded by **The Fund** was \$100,003 higher than that set forth in their Valuation Model. The amount computed by the model was \$227,054, whereas the amount that **The Fund** determined to be the appropriate value of lost services was \$327,057. In order to calculate the present value of lost replacement services, we converted the monthly values in **The Fund's** valuation model to the annual amounts that could have produced the actual amount paid, assuming all else remained the same. This amount was set equal to the model's amount multiplied by 1.44044 (or \$327,057 divided by \$227,054).

In preparing this update, the only document reviewed is **The Fund's** report. This update assumes the reader is familiar with the methodology used and assumptions made by **The Fund** and, therefore, they will not be restated here.

The update of **The Fund's** analysis is summarized in four (4) sets of Exhibits.

- *Exhibit 1* provides the summary of Lost Earnings, Retirement Benefits, and Lost of Replacement Services;
- The set of *Exhibits 2s* shows the details behind the loss of earnings numbers;
- The *Exhibit 3* set provides supporting documentation for Retirement Benefits;
- The loss of Replacement Services amounts are in *Exhibits 4s*.

I believe that I have already provided you with a copy of my curriculum vitae. If you need a copy, please let me know.

Sincerely,



John E. Beauzile

<b>Valuation Date</b>	01-Jan-20
<b>Discount Rate</b>	3.9%

**Exhibit 1. Summary of Economic Damages**  
**Mr. Harry Goody**

	<b>Present Value</b>
Present Value of Lost Earnings	\$637,722
Present Value of Retirement Benefits	0
Present Value of Lost Replacement Services	560,179
<b>Total</b>	<b>\$1,197,901</b>

Base Salary	Unempl.	Tax Rate	Benefits	Pers. Consump.
33,231	3.0%	12.250%	6,892	12.49-26.67%

**Exhibit 2a. Present Value of Lost Earnings**  
**Mr. Harry Goody**  
Special Master Worklife

Year	Age	Time Frame	Age-Specific Growth Factor	Earnings	Benefits	Unempl. Adj.	Taxes	Consumption	Net Earnings	PV of Net Earnings
2001	50	0.31	1.00000	\$10,190	\$2,090	\$0	(\$1,248)	(\$1,116)	\$9,915	\$9,915
2002	51	1.31	1.03194	34,293	7,113	(1,090)	(4,075)	(3,644)	32,596	32,596
2003	52	2.31	1.03000	35,321	7,326	(1,123)	(4,197)	(3,754)	33,574	33,574
2004	53	3.31	1.03000	36,381	7,546	(1,156)	(4,323)	(3,866)	34,581	34,581
2005	54	4.31	1.03000	37,472	7,772	(1,191)	(4,453)	(3,982)	35,619	35,619
2006	55	5.31	1.03000	38,597	8,005	(1,227)	(4,586)	(5,567)	35,222	35,222
2007	56	6.31	1.03000	39,755	8,245	(1,264)	(4,724)	(5,734)	36,279	36,279
2008	57	7.31	1.03000	40,947	8,493	(1,302)	(4,866)	(9,297)	33,976	33,976
2009	58	8.31	1.03000	42,176	8,748	(1,341)	(5,012)	(9,576)	34,995	34,995
2010	59	9.31	1.03000	43,441	9,010	(1,381)	(5,162)	(9,863)	36,045	36,045
2011	60	10.31	1.03000	44,744	9,280	(1,422)	(5,317)	(10,159)	37,126	37,126
2012	61	11.31	1.03000	46,086	9,559	(1,465)	(5,476)	(10,464)	38,240	38,240
2013	62	12.31	1.03000	47,469	9,845	(1,509)	(5,641)	(10,778)	39,387	39,387
2014	63	13.31	1.03000	48,893	10,141	(1,554)	(5,810)	(11,101)	40,569	40,569
2015	64	14.31	1.03000	50,360	10,445	(1,601)	(5,984)	(11,434)	41,786	41,786
2016	65	15.31	1.03000	51,871	10,758	(1,649)	(6,164)	(11,777)	43,040	43,040
2017	66	16.31	1.03000	53,427	11,081	(1,698)	(6,348)	(12,131)	44,331	44,331
2018	67	16.97	1.03000	36,687	7,609	(1,166)	(4,359)	(8,330)	30,441	30,441
<b>Total</b>				<b>\$738,110</b>	<b>\$153,065</b>	<b>(\$23,137)</b>	<b>(\$87,743)</b>	<b>(\$142,573)</b>	<b>\$637,722</b>	<b>\$637,722</b>

Unempl.	Tax Rate	Pers. Cons.	Pension Contrib. Rate	401(k) Contrib. Rate
3.0%	12.250%	12.49-26.67%	0.000%	0.000%

**Exhibit 3a. Present Value of Lost Pension Benefits**

**Mr. Harry Goody**  
Special Master Worklife

Year	Age	Time Frame	Pension Contrib.	401(K)	Taxes	Consumption	Net Loss	PV of Net Loss
2001	50	0.31	\$0	\$0	\$0	\$0	\$0	\$0
2002	51	1.31	0	0	0	0	0	0
2003	52	2.31	0	0	0	0	0	0
2004	53	3.31	0	0	0	0	0	0
2005	54	4.31	0	0	0	0	0	0
2006	55	5.31	0	0	0	0	0	0
2007	56	6.31	0	0	0	0	0	0
2008	57	7.31	0	0	0	0	0	0
2009	58	8.31	0	0	0	0	0	0
2010	59	9.31	0	0	0	0	0	0
2011	60	10.31	0	0	0	0	0	0
2012	61	11.31	0	0	0	0	0	0
2013	62	12.31	0	0	0	0	0	0
2014	63	13.31	0	0	0	0	0	0
2015	64	14.31	0	0	0	0	0	0
2016	65	15.31	0	0	0	0	0	0
2017	66	16.31	0	0	0	0	0	0
2018	67	16.97	0	0	0	0	0	0
<b>Total</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Exhibit 4a. Loss Estimated Value of Replacement Services**  
**Mr. Harry Goody**

<b>Year</b>	<b>Age</b>	<b>Time Frame</b>	<b>Household Services</b>	<b>Care Services</b>	<b>Total Services</b>	<b>Present Value</b>
2001	50	0.31	\$4,092	\$525	\$4,617	\$4,617
2002	51	1.31	13,745	1,763	15,507	15,507
2003	52	2.31	14,157	1,815	15,972	15,972
2004	53	3.31	14,582	1,870	16,451	16,451
2005	54	4.31	15,019	1,926	16,945	16,945
2006	55	5.31	15,470	1,984	17,453	17,453
2007	56	6.31	15,934	2,043	17,977	17,977
2008	57	7.31	16,412	2,105	18,516	18,516
2009	58	8.31	16,904	2,168	19,072	19,072
2010	59	9.31	17,411	2,233	19,644	19,644
2011	60	10.31	17,934	2,300	20,233	20,233
2012	61	11.31	18,472	2,369	20,840	20,840
2013	62	12.31	19,026	2,440	21,465	21,465
2014	63	13.31	19,596	2,513	22,109	22,109
2015	64	14.31	20,184	2,588	22,773	22,773
2016	65	15.31	20,790	2,666	23,456	23,456
2017	66	16.31	21,414	2,746	24,160	24,160
2018	67	17.31	22,056	2,828	24,884	24,884
2019	68	18.31	22,718	2,913	25,631	25,631
2020	69	19.31	23,399	3,001	26,400	25,740
2021	70	20.31	24,101	3,091	27,192	25,298
2022	71	21.31	24,824	3,183	28,008	24,864
2023	72	22.31	25,569	3,279	28,848	24,437
2024	73	23.31	26,336	3,377	29,713	24,017
2025	74	24.31	27,126	3,479	30,605	23,604
2026	75	25.31	27,940	3,583	31,523	23,199
2027	76	26.24	26,860	3,445	30,305	21,314
<b>Total</b>			<b>\$532,068</b>	<b>\$68,231</b>	<b>\$600,299</b>	<b>\$560,179</b>

# **Exhibit B-10**

**John E. Beauzile**

28 Penny Lane

Binghamton, NY 13905

Email: [jeb2235@columbia.edu](mailto:jeb2235@columbia.edu)

**Jerry S. Goldman**

Anderson Kill

1760 Market Street, Suite 600

Philadelphia, PA 19103

Re: Update of Analysis of Economic Loss in the Matter of  
The Estate of **Mr. Ulf Ericson**

December 29, 2019

Dear Mr. Goldman,

You have asked me to update the present value numbers in the analysis of the likely economic loss award from the September 11<sup>th</sup> Victim Compensation Fund prepared by **The Fund** dated **June 3, 2004**. I have used their assumptions for wages, benefits, taxes, personal consumption, replacement services, and discount rate to estimate those values and bring them to the present. The valuation date chosen is **January 1, 2020**.

In preparing this update, the only document reviewed is **The Fund's** report. This update assumes the reader is familiar with the methodology used and assumptions made by **The Fund** and, therefore, they will not be restated here.

The update of **The Fund's** analysis is summarized in four (4) sets of Exhibits.

- *Exhibit 1* provides the summary of Lost Earnings, Retirement Benefits, and Lost of Replacement Services;
- The set of *Exhibits 2s* shows the details behind the loss of earnings numbers;
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- The loss of Replacement Services amounts are in *Exhibits 4s*.

I believe that I have already provided you with a copy of my curriculum vitae. If you need a copy, please let me know.

Sincerely,



John E. Beauzile

VALUATION DATE	01-JAN-20
DISCOUNT RATE	3.4%

**EXHIBIT 1. SUMMARY OF ECONOMIC DAMAGES**  
**ULF ERICSON**

	<b>PRESENT VALUE</b>
Present Value of Lost Earnings	\$465,811
Present Value of Retirement Benefits	36,269
Present Value of Lost Replacement Services	98,914
<b>Total</b>	<b>\$600,995</b>

Base Salary	Unempl.	Tax Rate	Benefits	Pers. Consump.
122,378	3.0%	19.810%	3,972	12.486%

**EXHIBIT 2A. PRESENT VALUE OF LOST EARNINGS**  
**ULF ERICSON**  
SPECIAL MASTER WORKLIFE

YEAR	AGE	TIME FRAME	AGE- SPECIFIC GROWTH FACTOR	EARNINGS	BENEFITS	UNEMPL. ADJ.	TAXES	CONSUMPTION	NET EARNINGS	PV OF NET EARNINGS
2001	79	0.31	1.00000	\$37,526	\$1,218	\$0	(\$7,434)	(\$3,757)	\$27,553	\$27,553
2002	80	1.31	1.03000	126,049	4,091	(3,131)	(24,221)	(12,243)	90,546	90,546
2003	81	2.31	1.03000	129,831	4,214	(3,225)	(24,948)	(12,610)	93,262	93,262
2004	82	3.31	1.03000	133,726	4,340	(3,321)	(25,696)	(12,988)	96,060	96,060
2005	83	4.31	1.03000	137,738	4,471	(3,421)	(26,467)	(13,378)	98,942	98,942
2006	84	4.89	1.03000	82,758	2,686	(2,056)	(15,903)	(8,038)	59,448	59,448
<b>Total</b>				<b>\$647,628</b>	<b>\$21,020</b>	<b>(\$15,154)</b>	<b>(\$124,669)</b>	<b>(\$63,014)</b>	<b>\$465,811</b>	<b>\$465,811</b>

Unempl.	Tax Rate	Pers. Cons.	Pension Contrib. Rate	401(k) Contrib. Rate
3.0%	0.000%	12.486%	4.000%	0.000%

**EXHIBIT 3A. PRESENT VALUE OF LOST PENSION BENEFITS****ULF ERICSON**

SPECIAL MASTER WORKLIFE

YEAR	AGE	TIME FRAME	PENSION CONTRIB.	PENSION FROM PREV. EMPL.	TAXES	CONSUMPTION	NET LOSS	PV OF NET LOSS
2001	79	0.31	\$1,501	\$486	\$0	(\$187)	\$1,800	\$1,800
2002	80	1.31	4,891	1,587	0	(611)	5,867	5,867
2003	81	2.31	5,037	1,587	0	(629)	5,995	5,995
2004	82	3.31	5,189	1,587	0	(648)	6,127	6,127
2005	83	4.31	5,344	1,587	0	(667)	6,263	6,263
2006	84	5.31	3,211	1,587	0	(401)	4,397	4,397
2007	85	6.31	0	1,587	0	0	1,587	1,587
2008	86	7.31	0	1,587	0	0	1,587	1,587
2009	87	8.31	0	1,587	0	0	1,587	1,587
2010	88	8.98	0	1,060	0	0	1,060	1,060
<b>Total</b>			<b>\$25,173</b>	<b>\$14,239</b>	<b>\$0</b>	<b>(\$3,143)</b>	<b>\$36,269</b>	<b>\$36,269</b>

**EXHIBIT 4A. LOSS ESTIMATED VALUE OF REPLACEMENT SERVICES**  
**ULF ERICSON**

YEAR	AGE	TIME FRAME	HOUSEHOLD SERVICES	CARE SERVICES	TOTAL SERVICES	PRESENT VALUE
2001	79	0.31	\$3,047	\$431	\$3,477	\$3,477
2002	80	1.31	10,234	1,446	11,680	11,680
2003	81	2.31	10,541	1,490	12,031	12,031
2004	82	3.31	10,857	1,534	12,392	12,392
2005	83	4.31	11,183	1,580	12,763	12,763
2006	84	5.31	11,519	1,628	13,146	13,146
2007	85	6.31	11,864	1,676	13,541	13,541
2008	86	7.31	12,220	1,727	13,947	13,947
2009	87	7.72	5,203	735	5,938	5,938
<b>Total</b>			<b>\$86,668</b>	<b>\$12,247</b>	<b>\$98,914</b>	<b>\$98,914</b>